

## PART B - FEE(S) TRANSMITTAL

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57605 7599 03/22/2010

**APPLIED MATERIALS, INC.**  
C/O SONNENSCHEIN NATH & ROSENTHAL LLP  
P.O. BOX 061080  
WACKER DRIVE STATION, WILLIS TOWER  
CHICAGO, IL 60606-1080

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILED DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/564,846	06/30/2006	Laurent Karsenti	40006317-0072-002	3155

TITLE OF INVENTION: METHOD FOR DEFECT DETECTION AND PROCESS MONITORING BASED ON SEM IMAGES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	06/22/2010
EXAMINER	ART UNIT	CLASS-SUBCLASS				
BHATNAGAR, ANAND P	2624	382-308000				

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. SONNENSCHEIN NATH &  
2. ROSENTHAL LLP  
3. ....

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(A) NAME OF ASSIGNEE

APPLIED MATERIALS ISRAEL, LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

REHOVOT, ISRAEL

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

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- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature /Tarek N. Fahmi/ Date June 17, 2010

Typed or printed name Tarek N. Fahmi Registration No. 41,402

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